PROFIBUS Plugs

UL/CSA certified and CE compliant

802401

802402

802403

802404

802407

803194

803195

803844

802405

As a system provider for electrical connection technology, HELUKABEL is active in cables and wires as well as in connection technology for automation systems. With our data, network and bus technology division, we have been a reliable partner to well-known companies for many years. The great advantage for our customers is that they receive both the products of the PROFIBUS connector family and the corresponding cables from a single source.

Attributes:

- For the transmission of PROFIBUS DP signals up to 12 Mbit/s.
- Qualified to connect bus components on IP 20/IP30 basis RS 485 SUB-D.
- Programming interface provides an uninterruptible operation of PROFIBUS wires.
- Used for 2-wire L2 bus wires – rigid or flexible.
- Power supply through component not through bus voltage with a characteristic wave impedance of 150 Ω.

Technical Data :

- 9-pin, sub-D plug (male)
- Switchable terminating resistor
- Metal body
- Connection type: SK alligator clips with cut and screw terminal
- Weight: 40g
- Ambient temperature: 0°C to +60°C
- Max. 95°C, no condensation
- Several outlet angles: 35°, 45°, 90° or 180°
- Plug cycles: min. 200 times
- Fastening screws: 4-40UNC
- Max. torque screw: 0.4Nm
- Standards: IEC 61158 and 61784

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PROFIBUS PLUGS

ID	Part-No.	Description	Note - Screw terminal (S), Quick connector (SK)
C1	802401	PROFIBUS 90°-S	S, 90° cable outlet, solid wire + stranded wire
C2	802402	PROFIBUS 90°-PG-S	S + programming device, 90° cable outlet, solid wire + stranded wire
C3	802403	PROFIBUS 35°-S	S, 35° cable outlet, solid wire + stranded wire
C4	802404	PROFIBUS 35°-PG-S	S + programming device, 35° cable outlet, solid wire + stranded wire
C5	803356	PROFIBUS 45°-SK, Solid	SK, 45° cable outlet, solid wire
C6	803357	PROFIBUS 45°-PG-SK, Solid	SK + programming device, 45° cable outlet, solid wire
C7	803576	PROFIBUS 45°-SK, flex	SK, 45° cable outlet, stranded wire
C8	803577	PROFIBUS 45°-PG-SK, flex	SK + programming device, 45° cable outlet, stranded wire
C9	802405	PROFIBUS axial-S	S, axial (180°) cable outlet to the rear, solid wire + stranded wire
C10	802406	PROFIBUS 90°-SK	SK, 90° cable outlet, solid wire + stranded wire
C11	802407	PROFIBUS 90°-PG-SK	SK + programming device, 90° cable outlet + stranded wire
C14	803194	PROFIBUS 90°-PG-SK diagnosis	SK + PG + diagnosis LED, 90° cable outlet, solid wire + stranded wire
C15	803195	PROFIBUS 90°-SK diagnosis	SK + diagnosis LED, 90° cable outlet, solid wire + stranded wire
C18	803844	PROFIBUS 90°-PG-S diagnosis	S + PG + diagnosis LED, 90° cable outlet, solid wire + stranded wire
C19	803845	PROFIBUS 90°-S diagnosis	S + diagnosis LED, 90° cable outlet, solid wire + stranded wire
C20	803208	PROFIBUS axial-SK	SK, axial (180°) cable outlet to the rear, solid wire + stranded wire

Plug connectors for other bus systems such as CAN bus, DeviceNet (803234, 802967, 803272) are also available on request.

RELATED CABELS & PLUGS

Part-No.	Description	Matching plug ID
81448	PROFIBUS L2 1x2x0.64 mm PVC violet	C1-C4, C9, C18, C19
80384	PROFIBUS L2 1x2x0.64 mm PVC grey	C1-C4, C9, C18, C19
80792	PROFIBUS L2 1x2x0.64 mm PE black	C1-C4, C9, C18, C19
82824	PROFIBUS L2 ERD 1x2x0.64mm PVC/PE black	C1-C4, C9, C18, C19
802177	PROFIBUS L2 ERD armoured 1x2x0.64mm PVC/PE black	C1-C4, C9, C18, C19
81186	PROFIBUS L2 1x2x0.64 mm PUR petrol	C1-C4, C9, C18, C19
81903	PROFIBUS SK 1x2x0.64 mm PVC violet	C1-C4, C5, C6, C9, C10, C11, C14, C15, C18, C19, C20
81501	PROFIBUS SK 1x2x0.64mm FRNC violet	C1-C4, C5, C6, C9, C10, C11, C14, C15, C18, C19, C20
81904	PROFIBUS SK 1x2x0.64mm PE black	C1-C4, C5, C6, C9, C10, C11, C14, C15, C18, C19, C20
81905	PROFIBUS SK 1x2x0.64mm PUR violet	C1-C4, C5, C6, C9, C10, C11, C14, C15, C18, C19, C20
802179	PROFIBUS High temperature FEP violet	C1-C4, C9, C18, C19
800648	PROFIBUS L2/FIP 7-wire PVC violet	C1-C4, C9, C18, C19
81003	PROFIBUS L2 Drag 1x2x0.64mm (stranded) PUR petrol	C1-C4, C9, C18, C19
80267	PROFIBUS L2 Drag 1x2x0.64mm (stranded) PUR violet	C1-C4, C9, C18, C19
800109	PROFIBUS L2 Torsion PUR violet	C1-C4, C9, C18, C19
800649	PROFIBUS L2 FESTOON PVC petrol	C1-C4, C9, C18, C19
81906	PROFIBUS SK Drag 1x2x0.64mm (stranded) PUR petrol	C1-C4, C7, C8, C9, C10, C11, C14, C15, C18, C19, C20
801659	PROFIBUS SK Drag 1x2x0.64mm (stranded) PUR violet	C1-C4, C7, C8, C9, C10, C11, C14, C15, C18, C19, C20
802178	PROFIBUS SHIPLINE FRNC violet	C1-C4, C9, C18, C19

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